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## UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.		023				
First Inventor			M. NEWMAN			
Title BILL	ING INF	DORANDE	EINE AT A WELL SISE			

(Only for new nonprovisional applications under 37 CFR 1.53(b))

	Office; U.S. DEPARTMENT OF COMMERCE infess it displays a valid OMB control number.
Attorney Docket No.	023
First Inventor	FREDERIC M. NEWMAN
Title BULING INF	OF MANACING DEMASION AT A HELL SISTE
Express Mail Label N	

ADDRESS 10: Box Patent Application   See Import 600 concoming utility patent application contents.   ADDRESS 10: Box Patent Application   Washington, DC 20231	APPLICA	TION ELEMI	ENTS	T	4000	As	ssistant Cor	nmissi	ioner for Patents
1. Specification or CD-R in duplicate, large table or Computer Program (Appendix)  Applicant claims small entity status.  See 37 CFR 1.27  3. Specification  Cross Reference to Related Applications  - Descriptive title of the invention  Cross Reference to Related Applications  - Reference to sequence listing, a table, or a computer program listing appendix  - Buffel Summary of the Invention  - Buffel Summary of the Invention  - Descriptive the Disclosure  - Descriptive the Disclosure  - Descriptive the Disclosure  - Reference to sequence listing appendix  - Buffel Summary of the Invention  - Buffel Summary of the Invention  - Buffel Summary of the Invention  - Descriptive the Disclosure  - Claim(s)  - Abstract of the Disclosure  - Abstract of the Disclosure  - Newly executed (original or copy)  - Descriptive for confinatelized with floor 16 completed (information Disclosure)  - Descriptive for confinatelized with 6th 16 completed (information Disclosure)  - Descriptive for confinatelized with 6th 16 completed (information Disclosure)  - Descriptive for confinatelized with 6th 16 completed (information Disclosure)  - Descriptive for confinatelized in with 6th 16 completed (information Disclosure)  - Descriptive for confinatelized in with 6th 16 completed (information Disclosure)  - Descriptive for confinatelized in with 6th 16 completed (information Disclosure)  - Descriptive for confinatelized with 6th 16 completed (information Disclosure)  - Descriptive for confinatelized in with 6th 16 completed (information Disclosure)  - Descriptive for confinatelized in with 6th 16 completed (information Disclosure)  - Descriptive for confinatelized in with 6th 16 completed (information Disclosure)  - Descriptive for confinatelized in with 6th 16 completed (information Disclosure)  - Descriptive for confinatelized in with 6th 16 completed (information Disclosure)  - Descriptive for confinatelized in the formation below and in a preliminary amendment, or in an Application bate Sheet under 37 CFR 1.76:  - Descriptive for con					, ,				
Computer Program (Algendric)  See 37 CR 127.  Tital Pages	Fee Transmittal F	orm (e.g., PTO/S	SB/17)		7				
See 37 CFR 1-27.    Sepecification   Total Pages   C					Computer Program (Appendix)				
a. ☐ Computer Readable Form (CRF)  Descriptive title of the invention  Cross Reference to Related Applications  Statement Repairing Fed sponsored R & D  Reference to Sequence listing, a table, or a computer program listing appendix  Background of the Invention  Bief Description of the Envention  Bief Description  Claim(s)  Abstract of the Disdosure  Mewhy executed (onginal or copy)  Deliating Signed statement stached electing unrealized by a first first (InS)/(Pro Confinualized Heart Institute Signed Statement stached electing unrealized in a Application Data Sheet under 37 CFR 1.76  Bi a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76  Bi a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76  Bi a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76  Box specification Security (InS)/PTO-1449  Continuation Dicated Description (Institute Security Hemitical)  Continuation Data Sheet under 37 CFR 1.76  Bi a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Data	See 37 CFR 1.27	•			8. Nucleo (# appi	tide and/or Amino <i>licable, all nec</i> essi	Acid Sequ ary)	ence S	Submission
Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure  4. ☑ Drawing(s) (35 U.S.C. 113)	<ol> <li>2 (preferred arrangement)</li> </ol>	t set forth below)			а.	Computer Read	able Form (	CRF)	
Statement Regarding Fed sponsored R & D Reference to sequence issing, a table, or a computer program listing appendix Background of the Invention Britef Summary of the Invention Britef Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disdosure  A Drawing(s) (35 U.S.C. 113) [ Total Sheets	- Descriptive title	of the invention	dications		b. Spe	cification Sequen	ce Listing o	n:	
or a computer program listing appendix Background of the Invention Bitlef Summary of the Invention Bitlef Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure  A. Drawing(s) (35 U.S.C. 113)	<ul> <li>Statement Reg</li> </ul>	arding Fed spon	sored R & D			i. CD-RON	for CD-R (	2 сорю	es); or
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- Abstract of the Disclosure  4.	- Detailed Descr	iption	, (· · · · ,						
4. Drawing(s) (35 U.S.C. 113) [ Total Sheets ] ] 11. English Translation Document (if applicable) 5. Oath or Declaration [ Total Pages ] ] 12. Statement (IDS)/PTO-1449 Copies of IDS Statement (IDS)/PTO-1449 Citations 6. Newly executed (onginal or copy) 6. DELETION OF INVENTOR(S) Signed statement attached deleting inventors) named in the prior application, and 33 ib. 6. Application Data Sheet. See 37 CFR 1.76 6. Application Data Sheet. See 37 CFR 1.76 7. Other: 7. Other: 7. Other: 7. Other: 7. Other Communition 7. Prior application OR DIVISIONAL APPS only: The entire disclosure of the prior application and is hereby incorpared by reference. The incorporation of Bar Code Laber [Insert Customer Na. or Attach bar code laberham of Customer Na. or Attach bar code laberham Page (Insert Customer Na. or Attach bar code laberham Page (Insert Customer Na. or Attach bar code laberham Page (Insert Customer Na. Or Attach bar code laberham Page (Insert Customer Na. Or Attach bar code laberham Page (Insert Customer) Page (Insert Customer Na. Or Attach bar code laberham) Page (Insert Customer Na. Or Attach bar code laberham) Page (Insert Customer Na. Or Attach bar code laberham) Page (Insert Customer Na. Or Attach bar code laberham) Page (Insert Customer Na. Or Attach bar code laberham) Page (Insert Customer Na. Or Attach bar code laberham) Page (Insert Customer Na. Or Attach bar code laberham) Page (Insert Customer) Page (Insert Customer Na. Or Attach bar code laberham) Page (Insert Customer) Page (Insert Cu	, , ,	Disclosure			10.			. 1×	. 1
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a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1 63 (d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1 33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  19. Continuation  Prior application normation  Examiner  Group Art Unit  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box Sb, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be retied upon when a portion has been inadvertently or middle from the submitted application parts.  19. CORRESPONDENCE ADDRESS  19. Correspondence endiness below  Raddress  4233 CLIFFSIDE DRIVE  City  LA CROSSE  State  Customer Number or Bar Code Label  (Insert Customer Na. or Allach bar code label here)  Or Correspondence endiness below  Raddress  4233 CLIFFSIDE DRIVE  City  LA CROSSE  State  Return Recourt Priority Document(s)  (Insert Customer Na. or Allach bar code label here)  Or Correspondence endiness below  Raddress  Return Recourt Priority Document(s)  (Insert Customer Na. or Allach bar code label here)  Or Correspondence endiness below  Return Recourt Priority Document(s)  (Insert Customer Na. or Allach bar code label here)  Or Correspondence endin				,	12. 🔀	Information Disc	iosure	12	Copies of IDS
14. Should be specifically itemized)  15. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1 33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:    Continuation   Divisional   Continuation—part (CIP)   of prior application No.					13.				Ollations
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1 33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:    Diversional   Diversional   Continuation   Continuation information   Continuation information   Diversional   Continuation   Continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  Address   4233   CLIFFSIDE   DRIVE   City   LA CROSSE   State   Cul   Zip Code   54601   Country   USA   Telephone   603-788-2778   Fax   608-766-9656   Name (PrintlType)   Robbstt   J. HARTER   Registration No. (Attomey/Agent)   32, 0.31	Copy from a prior application (37 CFR 1 63 (d))  Return Receipt Postcard (MPEP 503)				503}				
named in the prior application, see 37 CFR 1.63(d)(2) and 1 33(b).  16. Application Data Sheet. See 37 CFR 1.76  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:    Continuation   Divisional   Continuation-in-part (CIP)   of prior application No.	i. DELETION OF INVENTOR(S) 15 Certified Copy of Priority Document(s)				ent(s)				
6. Application Data Sheet. See 37 CFR 1.76  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:    Continuation   Divisional   Continuation-in-part (CIP)   of prior application No.   / Prior application information   Examiner   Group At Unit.  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box Sb, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS    Customer Number or Bar Code Label   (Insert Customer No. or Attach bar code label here)   Or   Correspondence address below    Name   ROBERT J. HARTER  Address   4233   CLIFFSIDE DRIVE   State   CUI   Zip Code   54601    Country   USA   Telephone   608-788-2778   Fax   608-768-9656    Name (Printi Type)   ROBERT J. HARTER   Registration No. (Attomey/Agent)   32, 0.31	named in the prior application, see 37 CFR			16. Request and Certification under 35 U.S.C. 122					
Application Data Sheet. See 37 CFR 1.76  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:    Continuation   Divisional   Continuation-in-part (CIP)   of prior application No.	(b)(2)(B)(i). Applicant must attach form PTO/SB/35				form PTO/SB/35				
Continuation   Divisional   Continuation-in-part (CIP)   of prior application No.	Application Data Sheet See 37 CFR 1.76								
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Frio application information  Examiner  Group Art Unit  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box Sb, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS    Customer Number or Bar Code Label   (Insert Customer No. or Attach bar code label here)   Or   Correspondence address below	[]			CIP)	na to	or application No.	1		
Por CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  Customer Number or Bar Code Labet  (Insert Customer No. or Attach bar code labethere)  Or Correspondence address below  Name  ROBERT J. HARTER  Address  4233 CLIFFS 10E DRIVE  City LA CROSSE State WI Zip Code 54601  Country  USA Telephone 608-788-2778 Fax 608-768-9656  Name (Printi Type)  ROBERT J. HARTER  Registration No. (Attomey/Agent) 32, 031	1 2 2				Gm	uo Art linet			
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Customer Number or Bar Code Label  [Insert Customer No. or Atlach bar code label here]  Name  ROBERT J. HARTER  Address  4233 CLIFFS IDE DRIVE  City  LA CROSSE  State  Cull Zip Code 54601  Country  USA  Telephone 608-788-2778  Fax 608-766-9656  Name (Printl Type)  ROBERT J. HARTER  Registration No. (Attomey/Agent) 32,031									
ROBERT J. HARTER	19. CORRESPONDENCE ADDRESS								
Address         4233 CLIFFSIDE DRIVE           City         LA CROSSE         State         WI         Zip Code         54601           Country         USA         Telephone         608-788-2778         Fax         608-786-9656           Name (Printl Type)         Registration No. (Attomey/Agent)         32,031	Customer Number or Bar Co	ode Label	(Insert Customer No. or Atta	ch bar code	label here)	or 🔀	Correspon	idence a	rddress below
City         LACROSSE         State         WI         Zip Code         54601           Country         USA         Telephone         608-788-2778         Fax         608-768-9656           Name (Printl Type)         Robert J. Harrer         Registration No. (Attomey/Agent)         32,031	Name	ROBER	2T J. HA	RTE	R				
City         LACROSSE         State         Wall         Zip Code         54601           Country         USA         Telephone         608-788-2778         Fax         608-768-9656           Name (Printl Type)         Registration No. (Attorney/Agent)         32,031									
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The state of the s	Country	USA		Telepho	ne 60	18-788-277	8 F	ЭX	
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	Signature					<del></del>			

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NEWMAN

M.

Complete if Known

*FREDERIC* 

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FEE TRANSMITTA

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement,

**Application Number** 

First Named Inventor

Filing Date

## **Examiner Name** otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28. Group / Art Unit (\$) 364 00 TOTAL AMOUNT OF PAYMENT Attorney Docket No. 023 **METHOD OF PAYMENT (check one)** FEE CALCULATION (continued) 3. ADDITIONAL FEES The Commissioner is hereby authorized to charge Large Entity Small Entity indicated fees and credit any over payments to: Fee Fee Fee Fee Code (\$) Code (\$) **Fee Description** Fee Paid Deposit Account 105 130 205 65 Surcharge - late filing fee or cath Number Deposit Surcharge - late provisional filing fee or 127 50 227 25 Account cover sheet. Name Non-English specification 130 139 130 139 Charge Any Additional Charge the Issue Fee Set in 37 CFR § 1 18 at the Mailing For filing a request for reexamination 147 2.520 147 2.520 37 C F R §§ 1 16 and 1.17 of the Notice of Allowance Requesting publication of SIR prior to 920\* 112 920\* Examiner action **Payment Enclosed:** 113 1,840\* 113 1,840\* Requesting publication of SIR after Money Check Other Examiner action Order Extension for reply within first month 115 110 215 55 **FEE CALCULATION** Extension for reply within second month 116 400 216 200 1. BASIC FILING FEE Extension for reply within third month 950 217 475 Large Entity/Small Entity 118 1,510 218 755 Extension for reply within fourth month Fee Fee Description Fee Paid Fee Fee Extension for reply within fifth month 128 2,060 228 1,030 Code (\$) Code (\$) 790 201 395 (Utility filing fee) Notice of Appeal 101 310 219 155 119 Design filing fee Filing a brief in support of an appeal 330 206 165 106 310 220 155 Request for oral hearing 107 540 207 270 Plant filing fee 270 221 135 121 Petition to institute a public use proceeding Reissue filing fee 108 790 208 395 138 1,510 138 1,510 Provisional filing fee Petition to revive - unavoidable 114 150 214 75 140 110 240 55 20 355 SUBTOTAL (1) (\$) Petition to revive - unintentional 660 141 1,320 241 2. EXTRA CLAIM FEES Utility issue fee (or reissue) 142 1.320 242 660 Fee from Design issue fee 143 450 243 225 Extra Claims Fee Paid below Fotal Claims ZI -20\*\* = 670 244 335 Plant issue fee 144 Х ndependent 130 122 130 Petitions to the Commissioner 122 - 3\* Claims Multiple Dependent 123 50 123 50 Petitions related to provisional applications or number previously paid, if greater; For Reissues, see below 126 240 126 240 Submission of Information Disclosure Stmt Large Entity Small Entity 581 40 581 40 Recording each patent assignment per Fee Fee Fee Fee Fee Description Code (\$) Code (\$) property (times number of properties) 790 246 395 146 203 11 Claims in excess of 20 103 22 Filing a submission after final rejection (37 CFR 1.129(a)) 102 82 202 41 Independent claims in excess of 3

SUBMITTED BY			Complete (if applicable)	
Typed or Printed Name	ROBERT J. HARTER		Reg. Number	32,031
Signature	Ret Jeft	Date 4/20/2001	Deposit Account User ID	

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For each additional invention to be

SUBTOTAL (3)

examined (37 CFR 1.129(b))

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Multiple dependent claim, if not paid

\*\* Reissue independent claims over original patent

\*\* Reissue claims in excess of 20

(\$)

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and over original patent

SUBTOTAL (2)